PART B - FEE(S) TRANSMITTAL Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746-4000 or Fax INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 06/11/2004 7590 001444 Certificate of Mailing or Transmission BROWDY AND NEIMARK, P.L.L.C. I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below. 624 NINTH STREET, NW SUITE 300 WASHINGTON, DC 20001-5303 (Depositor's name (Signature) (Date CONFIRMATION NO. ATTORNEY DOCKET NO. FIRST NAMED INVENTOR FILING DATE APPLICATION NO. 5549 ARIYASU=1A Toshio Ariyasu 07/14/2000 09/617,545 TITLE OF INVENTION: HEDGEHOG PROTEIN DATE DUE **PUBLICATION FEE** TOTAL FEE(S) DUE ISSUE FEE SMALL ENTITY APPLN. TYPE \$1330 09/13/2004 \$0 \$1330 NO nonprovisional CLASS-SUBCLASS EXAMINER ART UNIT 435-069100 1646 KAUFMAN, CLAIRE M 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the Browdy and Neimark, P.L.L.C. names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent · - (-- "E-- Addrese" Indication form attorneys or agents. If no name is listed, no name "Fee Add 09/02/2004 00000060 1 1501 \$1,330.00 09/01/2004 CC Number is 09/02/2004 00000061 8001 09/01/2004 3 ASSIGNEE \$30.00 \mathbf{CC} PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. Inclusion or assignce data is only appropriate when been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. .. assignment has (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE KABUSHIKI KAISHA HAYASHIBARA OKAYAMA, JAPAN SEIBUTSU KAGAKU KENKYUJO Corporation or other private group entity Please check the appropriate assignee category or categories (will not be printed on the patent); 🗓 individual 4h Payment of Fee(s): 4a. The following fee(s) are enclosed: A check in the amount of the fee(s) is enclosed. ☑ Issue Fee A Payment by credit card. Form PTO-2038 is attached ☐ Publication Fee A The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-4035 (enclose an extra copy of this form). Advance Order - # of Copies 1 Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Date) (Authorized Signature) NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant: a registered attorney or agent; or the assignce or other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.